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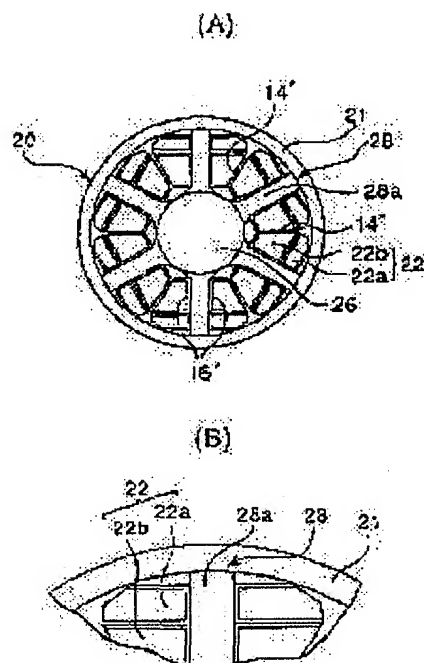
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(57)Abstract:

PROBLEM TO BE SOLVED: To improve a winding space factor in comparison with a conventional constitution, when coils are applied to the teeth of a stator in order to to reduce the size of a motor and improve the efficiency of the motor.

SOLUTION: When coils are applied to respective teeth 28a which are formed continually on the outer circumference of a core 26, 1st and 2nd coils 22a and 22b are applied to the parts near the outer circumference and to the inner parts respectively, and both the coils are connected to each other through compression, soldering, bonding, with a printed wiring board, etc., to be used as single coils 22. The respective coils applied to the respective teeth are connected to each other to form 3-phase armature coils, and an annular yoke part 21 is provided on the outer circumference of the coils.



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